

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DOUGLAS S. MCGREGOR, ET AL



Group Art Unit: 2878

Examiner:

Serial No.: 10/695,019

Filed: October 29, 2003

For: HIGH-EFFICIENCY NEUTRON DETECTORS AND
METHODS OF MAKING SAME

Attorney Docket No.: UOM 0316 PUSP

INFORMATION DISCLOSURE STATEMENT

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In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner.

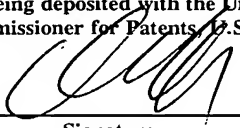
While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the reference(s) are "material" as defined under 37 C.F.R. § 1.56(b).

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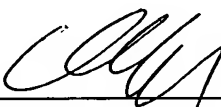
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If the filing date of this application is on or before June 30, 2003, a copy of each reference listed on the attached Forms PTO/SB08A and/or SB08B is included herewith. If this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted,

DOUGLAS S. MCGREGOR, ET AL.

By: 
David R. Syrowik
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Date: March 31, 2004

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(use as many sheets as necessary)

Application Number	10/695,019
Filing Date	October 29, 2003
First Named Inventor	Douglas S. McGregor, et al.
Group Art Unit	2878
Examiner Name	
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			Examiner Name		
Sheet	2	of	4	Attorney Docket Number	UOM 0316 PUSP

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MCGREGOR, DOUGLAS S., ET AL., Semi-Insulating Bulk GaAs Thermal Neutron Imaging Arrays, IEEE Transactions on Nuclear Science, Vol. 43, No. 3, June 1996, pp. 1357-1364	
		ROSE, A., Sputtered Boron Films on Silicon Surface Barrier Detectors, Nuclear Instruments and Methods, 52, 1967, pp. 166-170	
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		KNOLL, GLENN F., Radiation Detection and Measurement, 3 rd Ed. John Wiley & Sons, Inc., New York, 2000, Chapter 14, pp. 505-508	
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		MCLANE, VICTORIA, ET AL., Neutron Cross Sections, Vol. 2, Neutron Cross Section Curves, Academic Press, San Diego, CA, 1988, pp. 12-13 & pp. 26-27	
		MCGREGOR, DOUGLAS, S., ET AL., Thin-Film-Coated Bulk GaAs Detectors for Thermal and Fast Neutron Measurements, Nuclear Instruments and Methods in Physics Research A 466, 2001, pp. 126-141	
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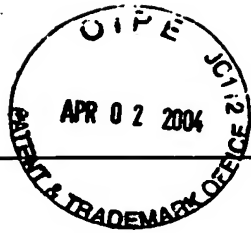
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		PUCKETT, P.R., ET AL., Thin Film Processes II, Chapter V-2, J.L. Vossen and W. Kern, Eds., Academic Press, Boston, 1991, pp. 749	
		SZE, S.M., VLSI Technology, McGraw-Hill, New York, 1983	
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		SCHELTEN, J., ET AL., A New Neutron Detector Development Based on Silicon Semiconductor and LiF Converter, Physica B 234-236, 1997, pp. 1084-1086	
		ATOMNAYA ENERGIYA, Soviet Atomic energy, Russian Original, Vol. 62, No. 4, April 1987, pp. 316-319	

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		ALLIER C.P., Micromachined Si-Well Scintillator Pixel Detectors, Chapter 8, 2001, pp. 122-134	

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